

| | | | |
|----------|----------------|--|----------------|
| Agency | Study Location | | Beginning Date |
| | | | |
| Comments | | | Prepared By |

Summary Information

| Collision Type | Countermeasure | E _k * | Individual Reduction Factor | | | | RW |
|----------------|----------------|------------------|-----------------------------|---|------------------|----------------|----|
| | | | R* | r | R _p * | r _p | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

* From Table A

Benefit Calculations

F&I Reduction Factor Calculations - From Summary Above

List Greatest 3 - Largest to Smallest

R₁ =

R₂ x r₁ =

R₃ x r₂ x r₁ =

PDO Reduction Factor Calculations - From Summary Above

List Greatest 3 - Largest to Smallest

R_{p1} =

R_{p2} x r_{p1} =

R_{p3} x r_{p2} x r_{p1} =

| | | | | | | | | | | |
|----------------------|---|--------------------------|---|----------------------|---|----------------------|--|----------------------|---|--------------------------|
| <input type="text"/> | x | <input type="text"/> | x | <input type="text"/> | = | <input type="text"/> | | <input type="text"/> | x | <input type="text"/> |
| Q | | Avg. Annual F&I | | Total R | | Box A ₁ | | P _C | | Av. Annual Total |
| in thousands | | From Collision Worksheet | | | | | | in thousands | | From Collision Worksheet |

Adjusted Benefit

x =

From Table B Box A₁ + A₂ Box B

Cost Calculations

| | | | | |
|----------------------|------------------------|---|---|------------------------|
| E _k | Total Initial Cost | | Total O&M Cost | Total Cost |
| <input type="text"/> | x <input type="text"/> | = | <input type="text"/> + <input type="text"/> | = <input type="text"/> |
| See Table A | From Box I | | From Box O | Box C |

Safety Benefit Index Calculation

B/C Ratio

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Box B / Box C